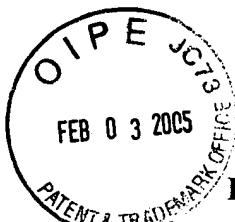


1634



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert E. WAGNER, Jr. *et al.*

Serial. No. 10/078,278

Filed: February 2, 2002

For: MUTATION DETECTION USING MutS AND  
RecA

Art Unit: 1634

Examiner: Sarae L. Bausch

Atty. Docket No. 28934.0001

Customer No.<sup>1</sup>

30827

**RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

This paper responds to the Office Action mailed December 9, 2004, , time for response to which was set to expire March 9, 2004. Thus this response is timely filed, and no additional fees are required.

The pending claims (29-51) were all rejected. Careful consideration has been given to the grounds for rejection and the following remarks are offered in response. The claims are not being amended. Reconsideration is respectfully requested, as is entry of this paper.

**REMARKS****I. SUMMARY OF KEY POINTS OF INVENTION**

To assist the Office in putting the cited primary reference into perspective with respect to the present invention, Applicants wish to emphasize several points that are essential to appreciating the invention's unique aspects.

<sup>1</sup> Customer number and correspondence address have changed – see accompanying Change of Address form. The Office is requested to note and enter the change of corresponding attorney address and customer number.